



ENTERED OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/090,215

DATE: 03/20/2002
TIME: 11:38:36

Input Set : A:\Sequence listing.txt
Output Set: N:\CRF3\03202002\J090215.raw

3 <110> APPLICANT: Dubin, Adrienne E
4 Huvar, Arne
5 Erlander, Mark G
6 Glass, Charles A
8 <120> TITLE OF INVENTION: DNA encoding Isoforms of the human Vanilloid Receptor
9 VR3
11 <130> FILE REFERENCE: Human VR3 receptors
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/090,215
C--> 14 <141> CURRENT FILING DATE: 2002-03-04
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60 <211> LENGTH: 39
61 <212> TYPE: DNA
62 <213> ORGANISM: Artificial Sequence
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65 <223> OTHER INFORMATION: Description of Artificial Sequence:

66 Oligonucleotide

68 <400> SEQUENCE: 4

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72 <210> SEQ ID NO: 5

73 <211> LENGTH: 2616

74 <212> TYPE: DNA

75 <213> ORGANISM: Homo sapiens

77 <400> SEQUENCE: 5

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81 ggcgatgggc gaccaaactt gcgcatgaag ttccaggcg ccttcgcgaa gggggtgcc 240
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117 gatgaggtga actggtctca ctggaaccag aacttgggca tcatcaacga ggaccggggc 2400

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118 aagaatgaga cctaccagta ttatggcttc tcgcataccg tgggcgcgct ccgcagggat 2460
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127 <213> ORGANISM: Homo sapiens
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168 ccagaccaac tgcacagtgc ccacttacc ctcgtgcgtg gacagcgaga ccttcagcac 2340
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173 ccccgctattc ctgaggaagg ccttccgctc tggggagatg gtcaccgtgg gcaagagctc 2640
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191 <210> SEQ ID NO: 7

192 <211> LENGTH: 871

193 <212> TYPE: PRT

194 <213> ORGANISM: Homo sapiens

196 <400> SEQUENCE: 7

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203 Leu Ser Ser Leu Ala Asn Leu Phe Glu Gly Glu Asp Gly Ser Leu Ser
204           35           40           45
206 Pro Ser Pro Ala Asp Ala Ser Arg Pro Ala Gly Pro Gly Asp Gly Arg
207           50           55           60
209 Pro Asn Leu Arg Met Lys Phe Gln Gly Ala Phe Arg Lys Gly Val Pro
210           65           70           75           80
212 Asn Pro Ile Asp Leu Leu Glu Ser Thr Leu Tyr Glu Ser Ser Val Val
213           85           90           95
215 Pro Gly Pro Lys Lys Ala Pro Met Asp Ser Leu Phe Asp Tyr Gly Thr
216           100          105          110
218 Tyr Arg His His Ser Ser Asp Asn Lys Arg Trp Arg Lys Lys Ile Ile
219           115          120          125
221 Glu Lys Gln Pro Gln Ser Pro Lys Ala Pro Ala Pro Gln Pro Pro Pro
222           130          135          140
224 Ile Leu Lys Val Phe Asn Arg Pro Ile Leu Phe Asp Ile Val Ser Arg
225           145          150          155          160
227 Gly Ser Thr Ala Asp Leu Asp Gly Leu Leu Pro Phe Leu Leu Thr His
228           165          170          175
230 Lys Lys Arg Leu Thr Asp Glu Glu Phe Arg Glu Pro Ser Thr Gly Lys
231           180          185          190
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239 Glu Phe Ile Asn Ser Pro Phe Arg Asp Ile Tyr Tyr Arg Gly Gln Thr
240 225          230          235          240
242 Ala Leu His Ile Ala Ile Glu Arg Arg Cys Lys His Tyr Val Glu Leu
243          245          250          255
245 Leu Val Ala Gln Gly Ala Asp Val His Ala Gln Ala Arg Gly Arg Phe
246          260          265          270
248 Phe Gln Pro Lys Asp Glu Gly Gly Tyr Phe Tyr Phe Gly Glu Leu Pro
249          275          280          285
251 Leu Ser Leu Ala Ala Cys Thr Asn Gln Pro His Ile Val Asn Tyr Leu
252          290          295          300
254 Thr Glu Asn Pro His Lys Lys Ala Asp Met Arg Arg Gln Asp Ser Arg
255 305          310          315          320
257 Gly Asn Thr Val Leu His Ala Leu Val Ala Ile Ala Asp Asn Thr Arg
258          325          330          335
260 Glu Asn Thr Lys Phe Val Thr Lys Met Tyr Asp Leu Leu Leu Leu Lys
261          340          345          350
263 Cys Ala Arg Leu Phe Pro Asp Ser Asn Leu Glu Ala Val Leu Asn Asn
264          355          360          365
266 Asp Gly Leu Ser Pro Leu Met Met Ala Ala Lys Thr Gly Lys Ile Gly
267          370          375          380
269 Ile Phe Gln His Ile Ile Arg Arg Glu Val Thr Asp Glu Asp Thr Arg
270 385          390          395          400
272 His Leu Ser Arg Lys Phe Lys Asp Trp Ala Tyr Gly Pro Val Tyr Ser
273          405          410          415
275 Ser Leu Tyr Asp Leu Ser Ser Leu Asp Thr Cys Gly Glu Glu Ala Ser
276          420          425          430
278 Val Leu Glu Ile Leu Val Tyr Asn Ser Lys Ile Glu Asn Arg His Glu
279          435          440          445
281 Met Leu Ala Val Glu Pro Ile Asn Glu Leu Leu Arg Asp Lys Trp Arg
282          450          455          460
284 Lys Phe Gly Ala Val Ser Phe Tyr Ile Asn Val Val Ser Tyr Leu Cys
285 465          470          475          480
287 Ala Met Val Ile Phe Thr Leu Thr Ala Tyr Tyr Gln Pro Leu Glu Gly
288          485          490          495
290 Thr Pro Pro Tyr Pro Tyr Arg Thr Thr Val Asp Tyr Leu Arg Leu Ala
291          500          505          510
293 Gly Glu Val Ile Thr Leu Phe Thr Gly Val Leu Phe Phe Ile Thr Asn
294          515          520          525
296 Ile Lys Asp Leu Phe Met Lys Lys Cys Pro Gly Val Asn Ser Leu Phe
297          530          535          540
299 Ile Asp Gly Ser Phe Gln Leu Leu Tyr Phe Ile Tyr Ser Val Leu Val
300 545          550          555          560
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303          565          570          575
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L:13 M:270 C: Current Application Number differs, Replaced Application Number

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date